

Abstract

Light-emitting component comprising a luminescence conversion element

The invention encompasses a light-emitting component having at least one primary radiation source that in operation emits an electromagnetic primary radiation, and at least one luminescence conversion element by means of which at least a portion of the primary radiation is converted into a radiation of altered wavelength. Disposed after the luminescence conversion element in a radiation direction of the component is a filter element comprising a plurality of nanoparticles, said nanoparticles comprising a filter substance which by absorption selectively reduces the radiation intensity of at least one spectral subregion of an unwanted radiation.

Figure 1